ABSTRACT

A method for accessing a main resource descriptor for a hardware device. A device driver accesses a hardware device's partial resource descriptor of a translated main resource descriptor stored in an operating system registry. The device driver accesses raw BIOS-assigned configuration information for the hardware device. The device driver compares the memory address in base address register 0 of the partial resource descriptor to the memory address in base address register 0 of the BIOS-assigned configuration information. The device driver selects the translated main resource descriptor that contains the partial resource descriptor with the memory address in base address register 0 that matches the memory address in base address register 0 for the raw BIOS-assigned configuration information.